

Figure 1

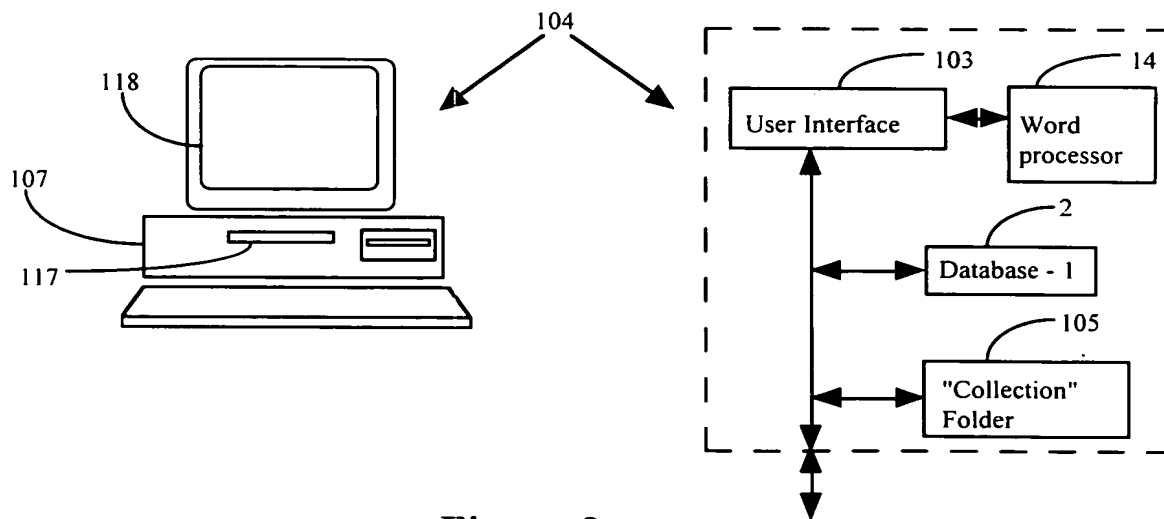


Figure 2

600720" 0104100

Database Table		
Database 1 Register	Address(es)	File Format Instruction Table 1
⋮		
Database N Register	Address(es)	File Format Instruction Table N

130

134

131

132

Figure 3A

File Format Instruction Table			
Data Type 1	Hypertext Cipher	URL Cipher	Special Instructions To Retrieve Data
⋮			
Data Type M	Hypertext Cipher	URL Cipher	Special Instructions To Retrieve Data

134

136

138

140

142

Figure 3B

Workstation Data Table		
Workstation 1	Address	File Access Commands
⋮		
Workstation N	Address	File Access Commands

150

154

152

Figure 4A

Workstation File Formatting Instruction Table		
Report 1 Name	File Name & Data Formatting Instructions	Workstation URL Cipher
⋮		
Report M Name	File Name & Data Formatting Instructions	Workstation URL Cipher

158

162

166

Figure 4B

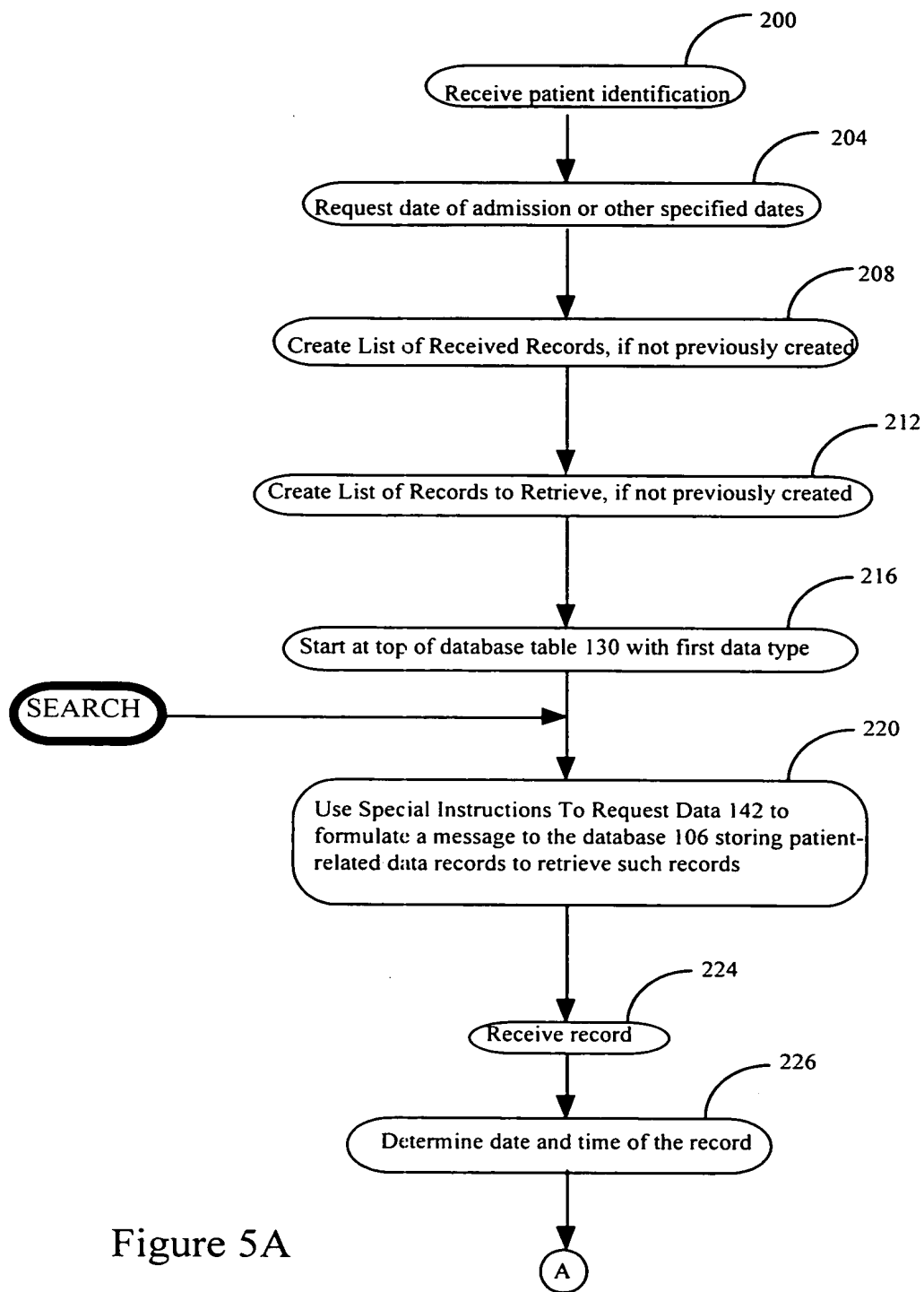


Figure 5A

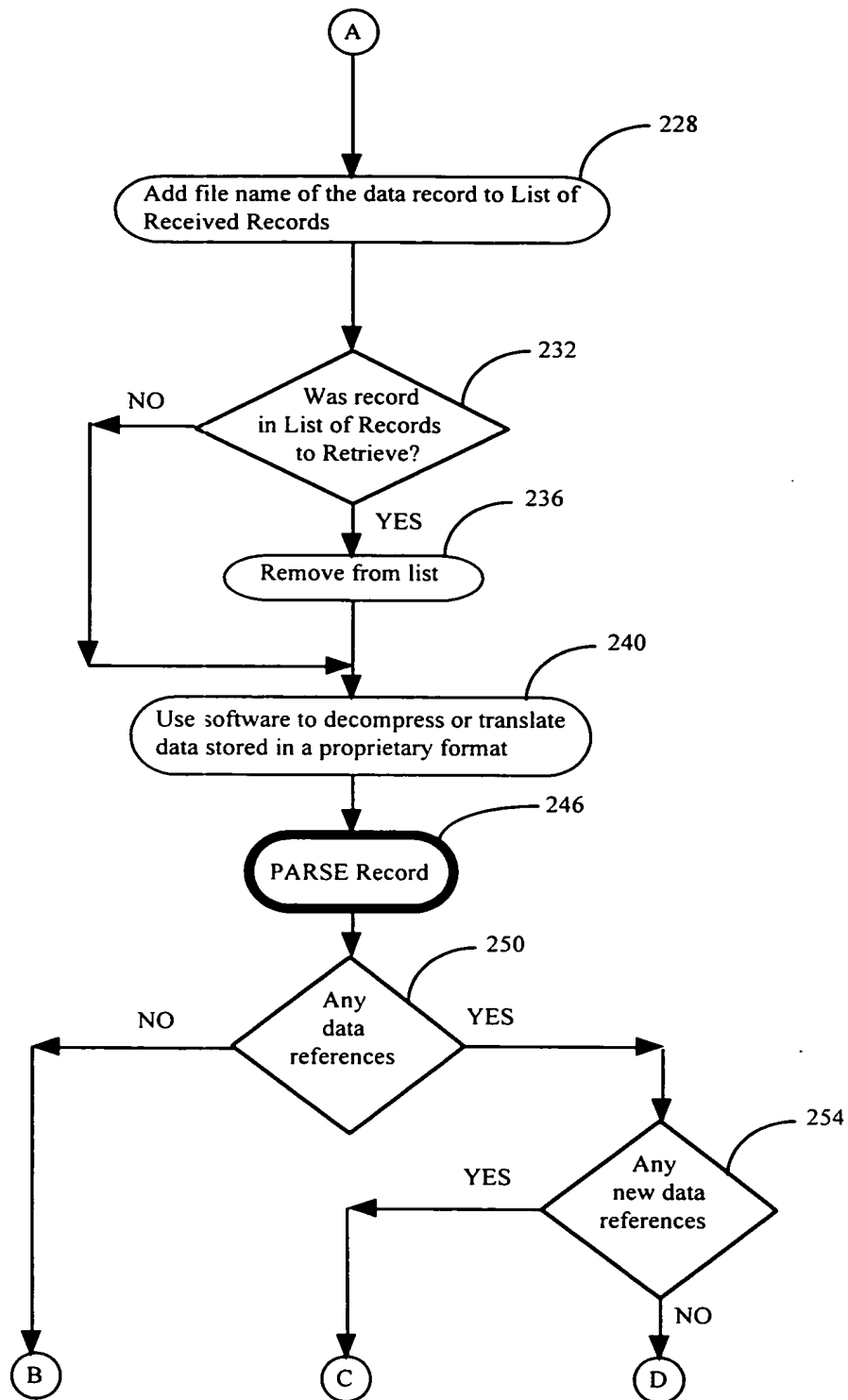


Figure 5B

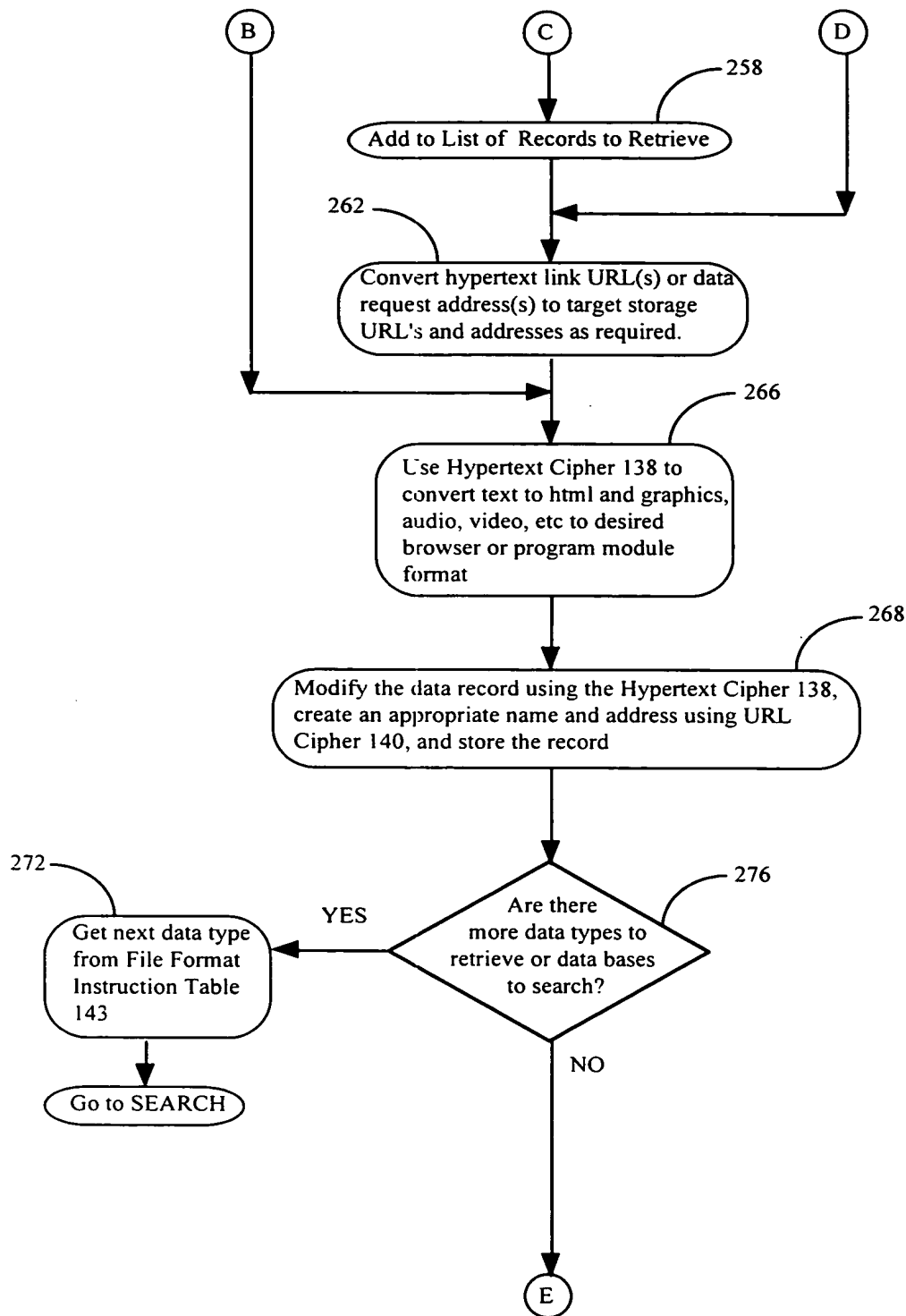


Figure 5C

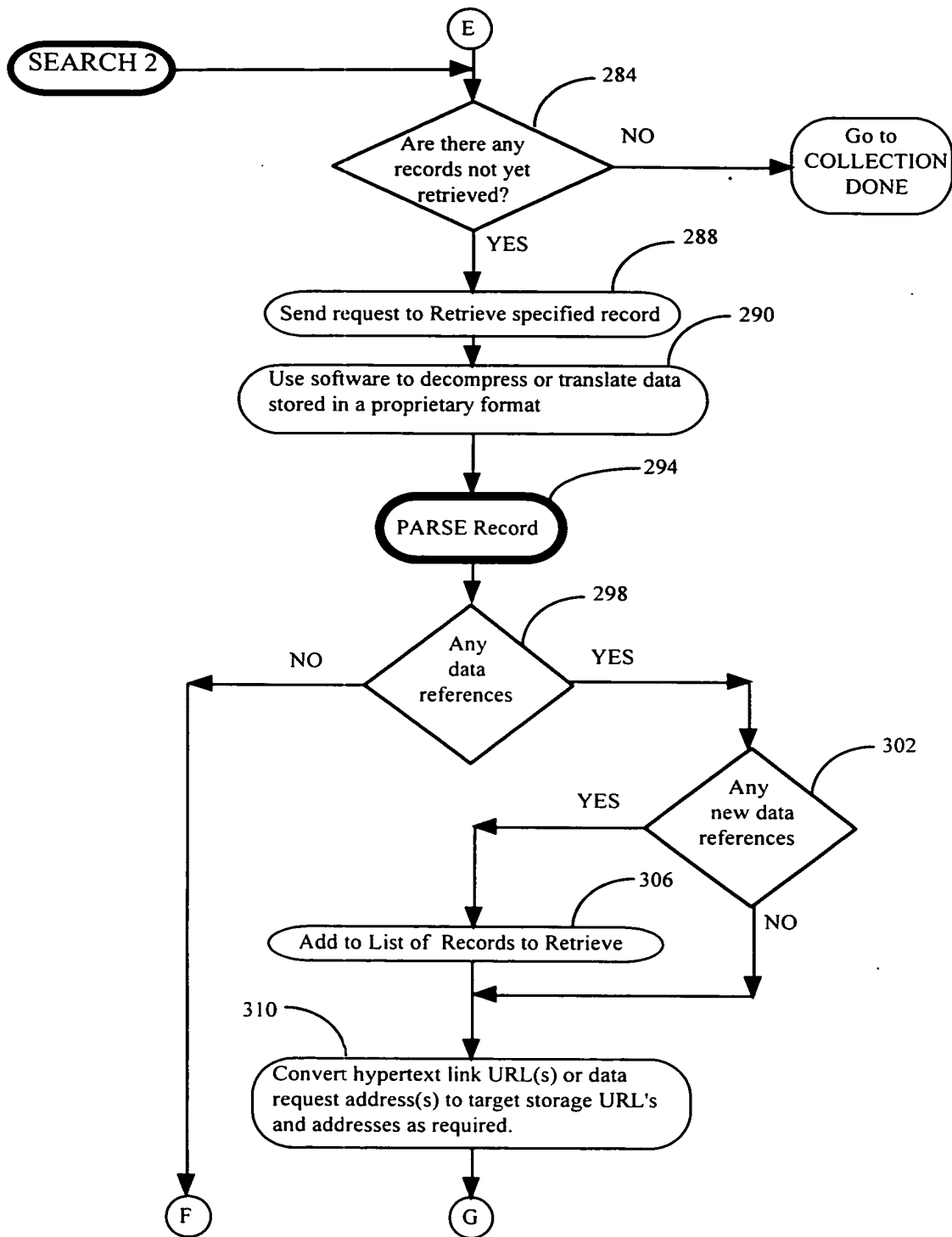


Figure 5D

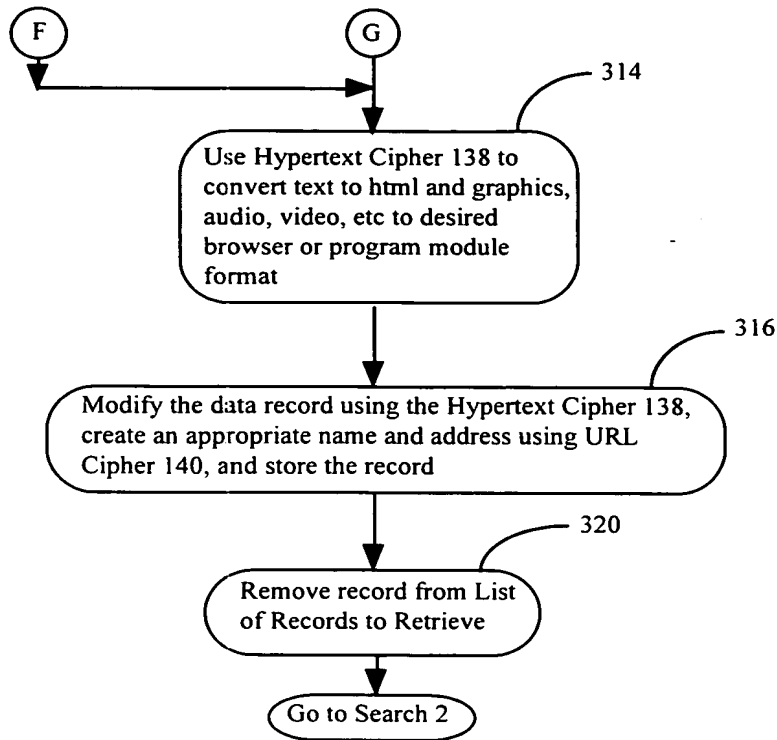


Figure 5E

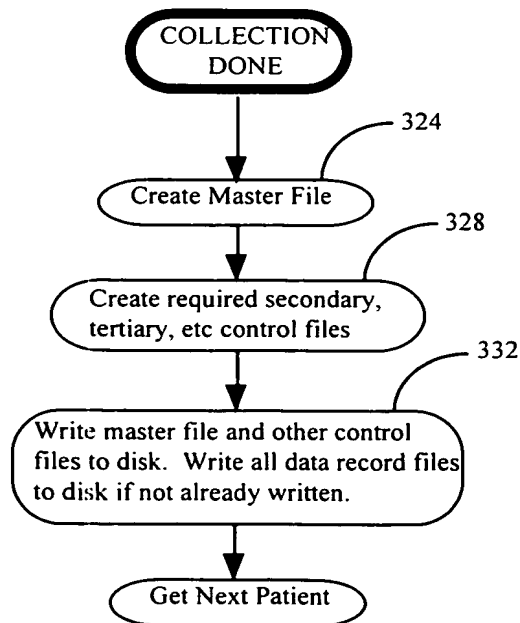


Figure 5F



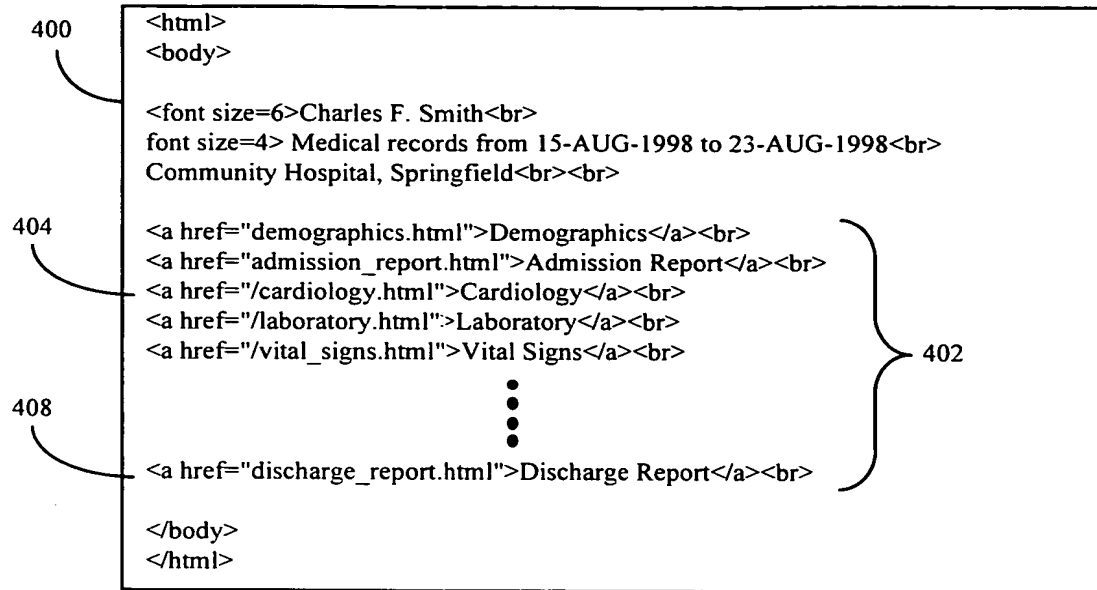


Figure 6A

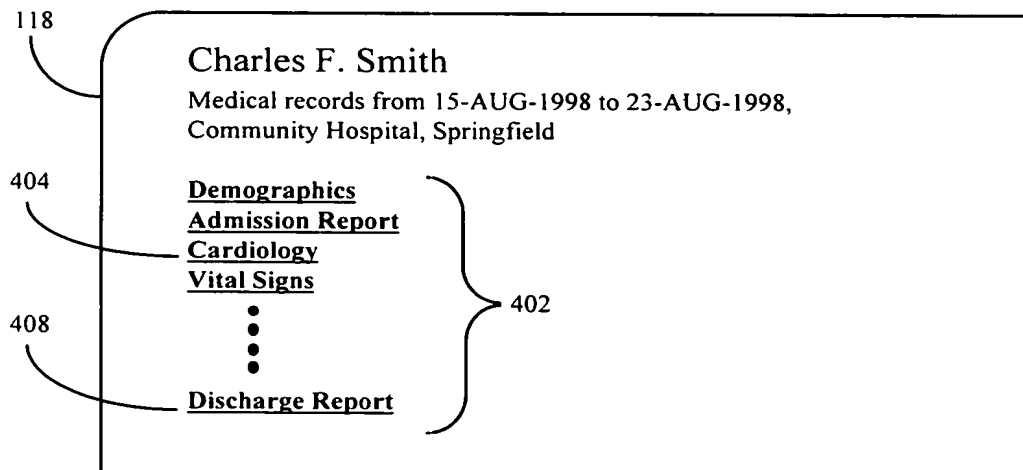


Figure 6B

<html>  
<body>  
DISCHARGE SUMMARY for Charles F. Smith<br><br>

**HISTORY OF PRESENT ILLNESS:**  
Patient #1 is a 47-year-old male admitted for further evaluation of recent exertional angina and abnormal exercise test.

HOSPITAL COURSE:<br>The patient was admitted to the Telemetry unit and underwent <a href="charles\_f\_smith/cardiology/cath/1998-08-15/10:25/report.html">cardiac catheterization on August 15, 1998</a>. Catheterization demonstrated normal ventricular function without evidence for prior infarction. The coronary arteriogram showed moderate stenosis throughout the mid and distal portions of the left anterior descending artery and diagonal branch, as well as ●●●●

**THE**

Date of Admission: 15-AUG-98  
Date of Discharge: 17-AUG-98

**HOSPITAL COURSE:**  
The patient was admitted to the Telemetry unit and underwent catheterization on August 15, 1998. Catheterization demonstrated normal ventricular function without evidence for prior infarction. The coronary arteriogram showed moderate stenosis throughout the mid and distal portions of the left anterior descending artery and diagonal branch, as well as

Figure 7B

60723 "Catheterized"

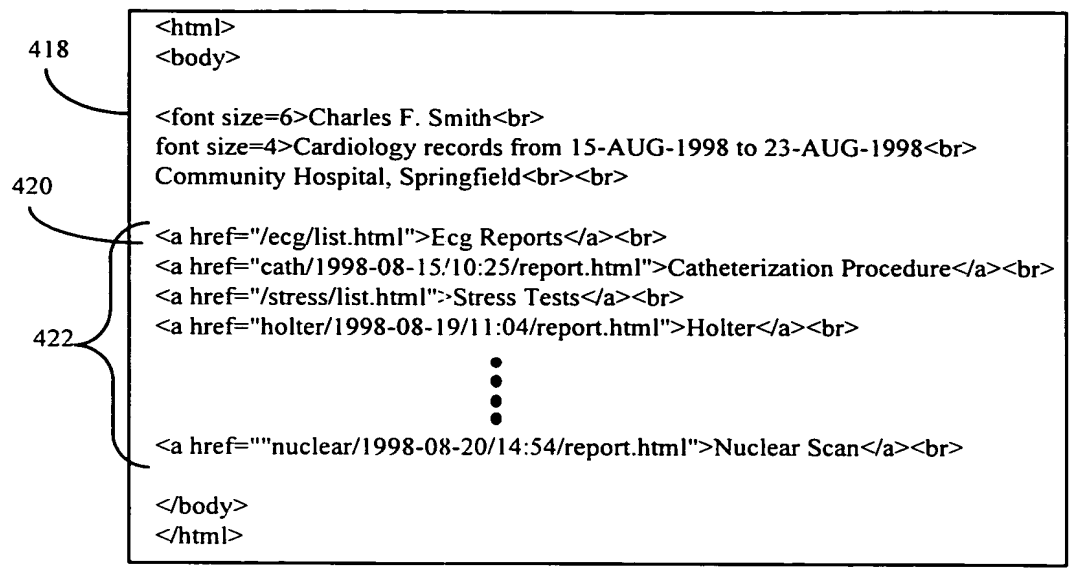


Figure 8A

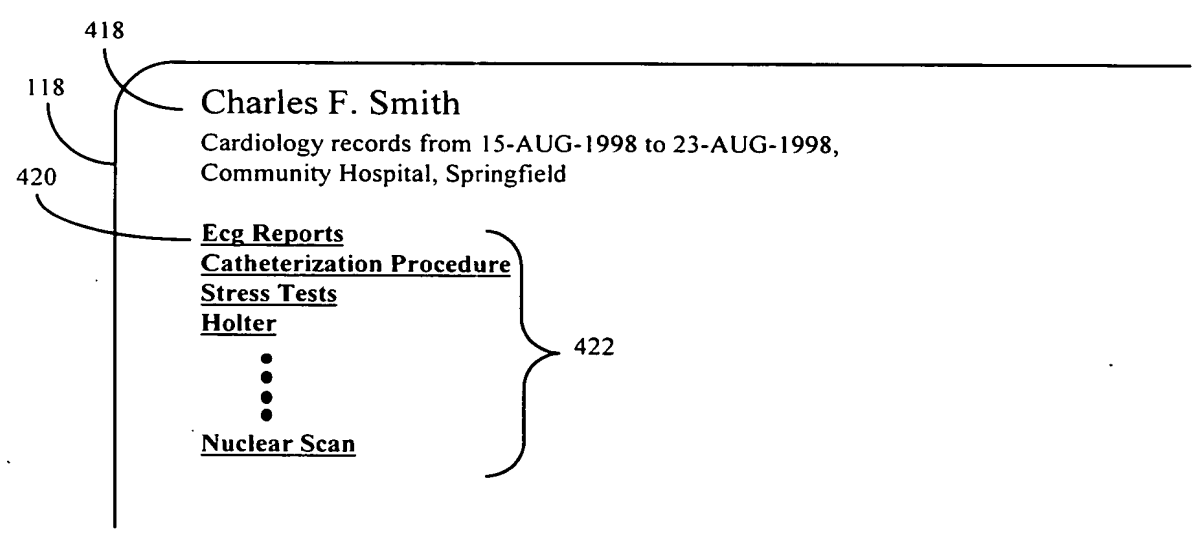


Figure 8B

424

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<html>
<body>

<font size=6>Charles F. Smith<br>
font size=4>ECG records from 15-AUG-1998 to 23-AUG-1998<br>
Community Hospital, Springfield<br><br>

<a href="ecg/1998-08-15/09:15/report.html">15-AUG-1998
09:15</a><br>
<a href="ecg/1998-08-15/16:40/report.html">15-AUG-1998
14:40</a><br>
<a href="ecg/1998-08-17/11:03/report.html">17-AUG-1998
11:03</a><br>
<a href="ecg/1998-08-19/10:25/report.html">19-AUG-1998
09:15</a><br>

```

426

Figure 9A

118

Charles F. Smith

Ecg records from 15-AUG-1998 to 23-AUG-1998,  
Community Hospital, Springfield

426

15-AUG-1998 09:15  
15-AUG-1998 14:40  
17-AUG-1998 11:03  
19-AUG-1998 09:15  
 ⋮  
23-AUG-1998 08:14

Figure 9B



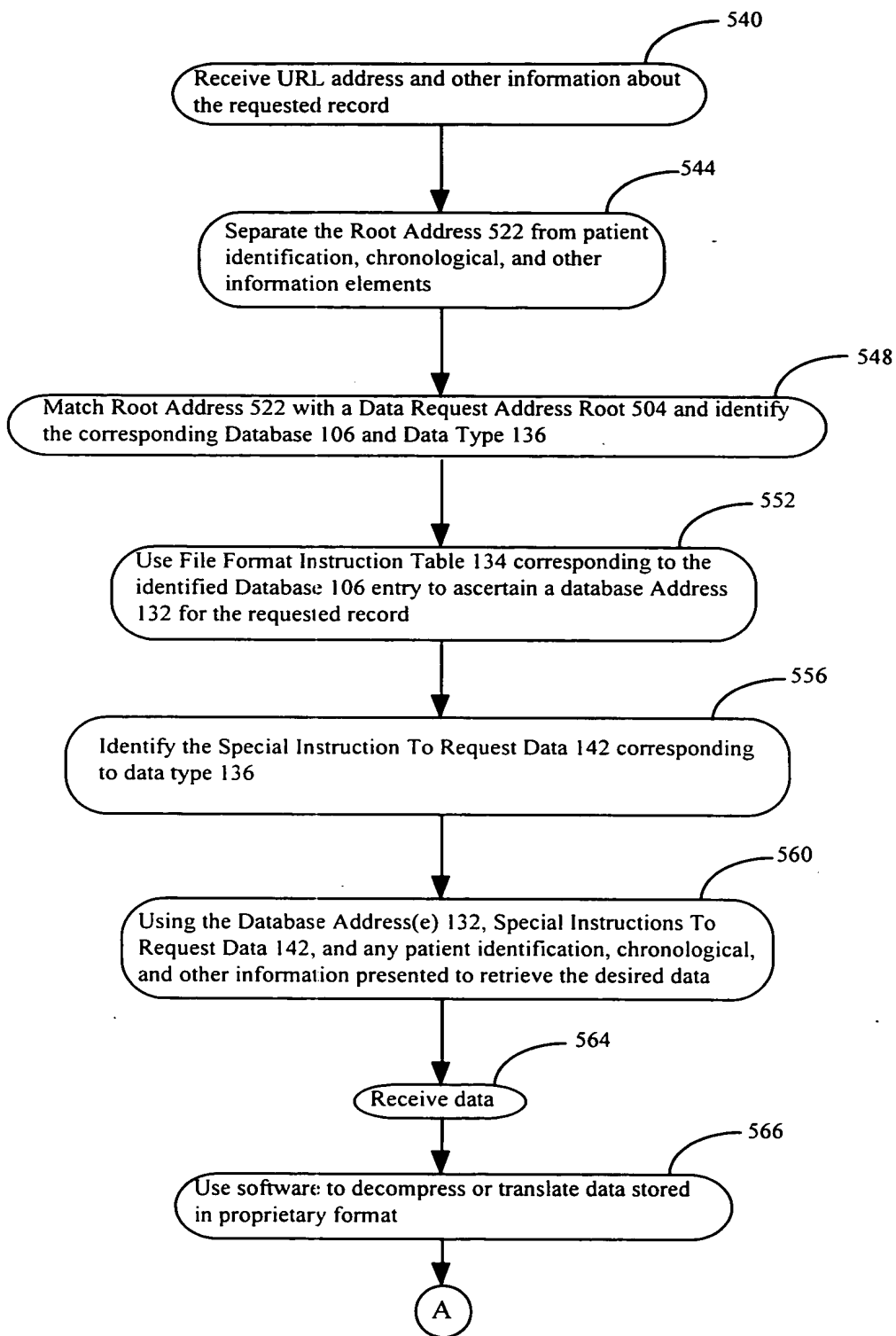


Figure 12A

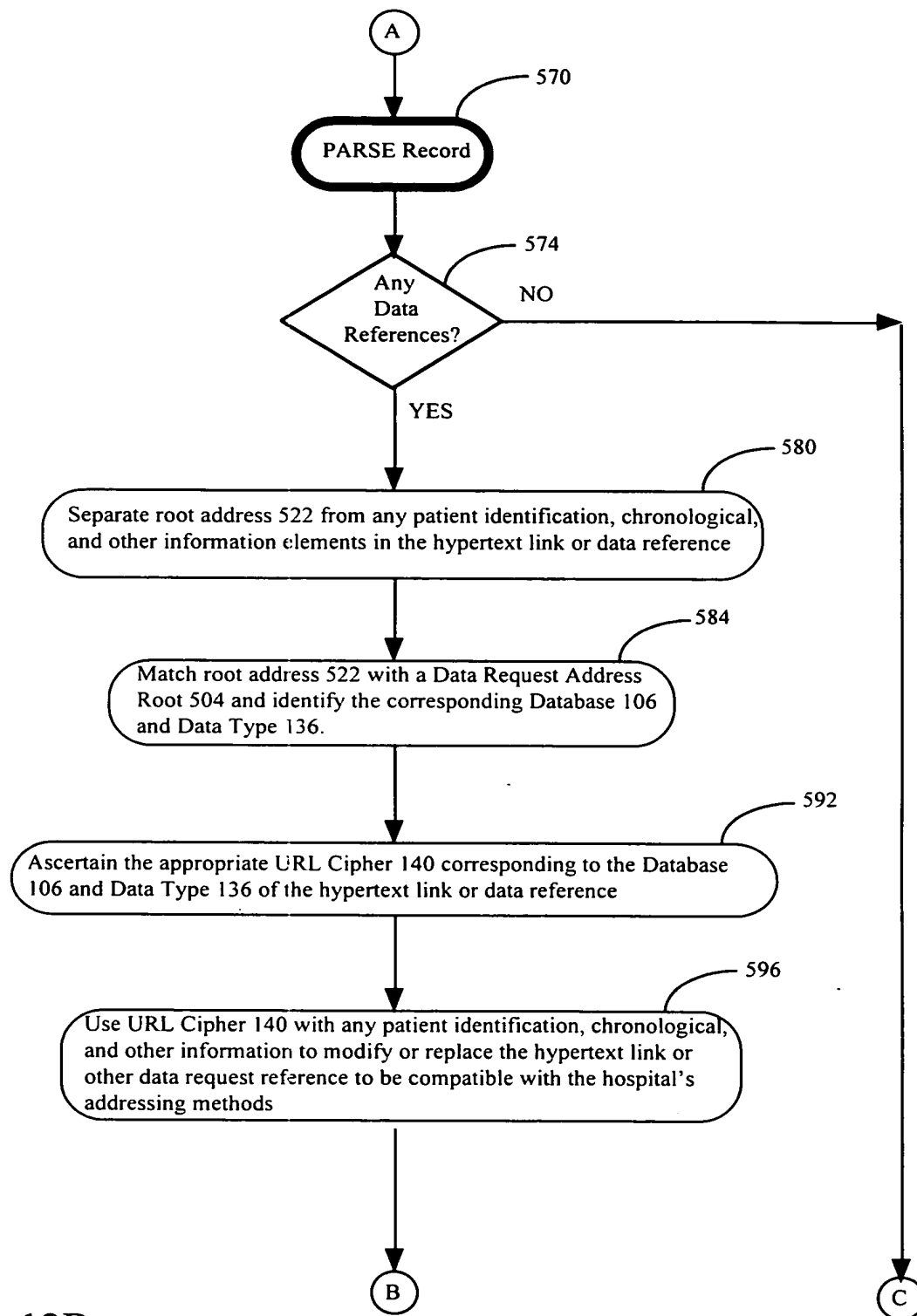


Figure 12B

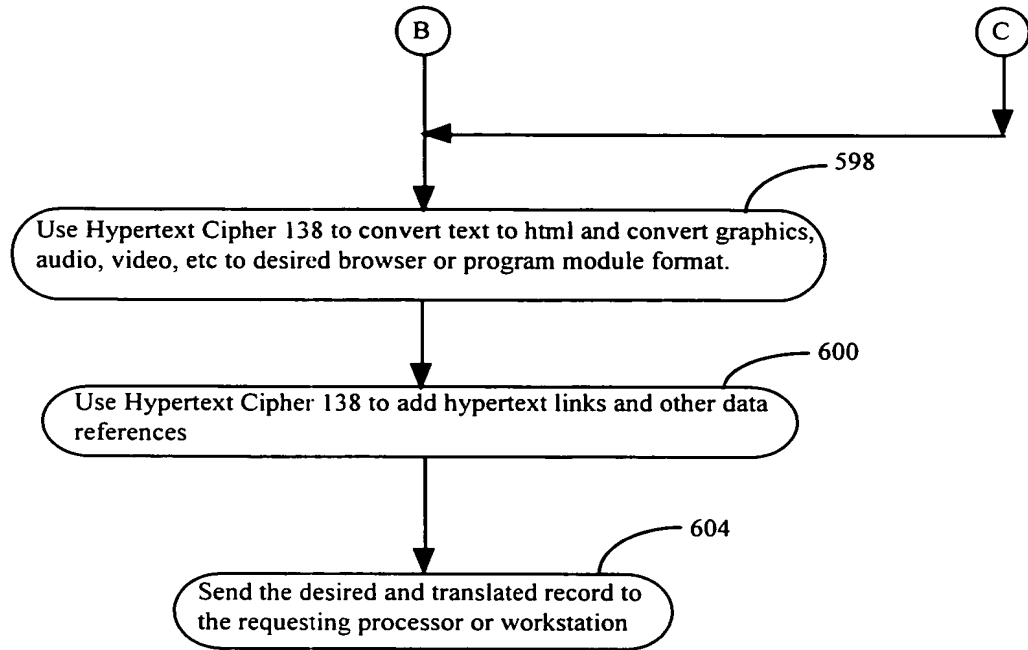


Figure 12C



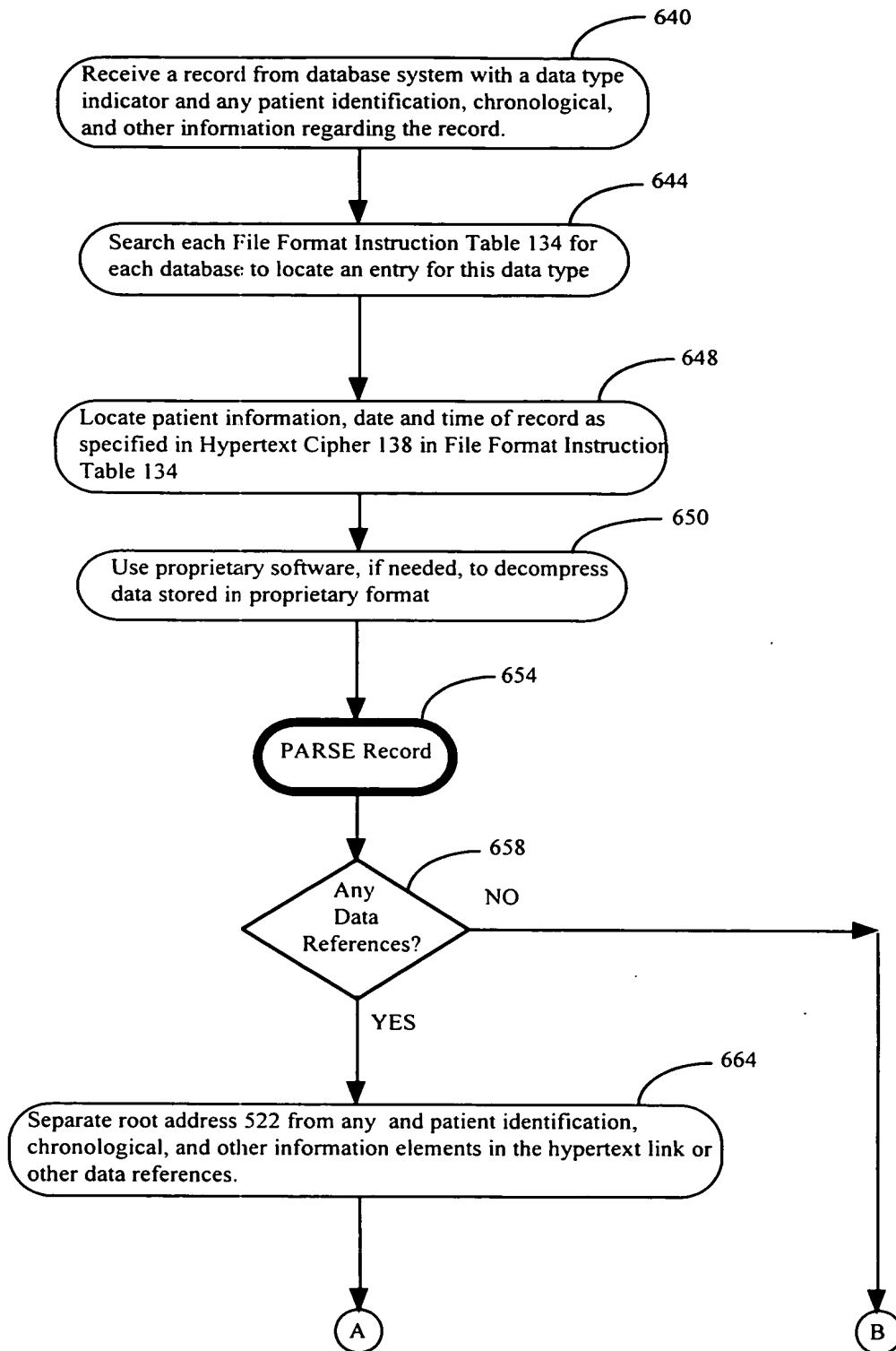


Figure 13A

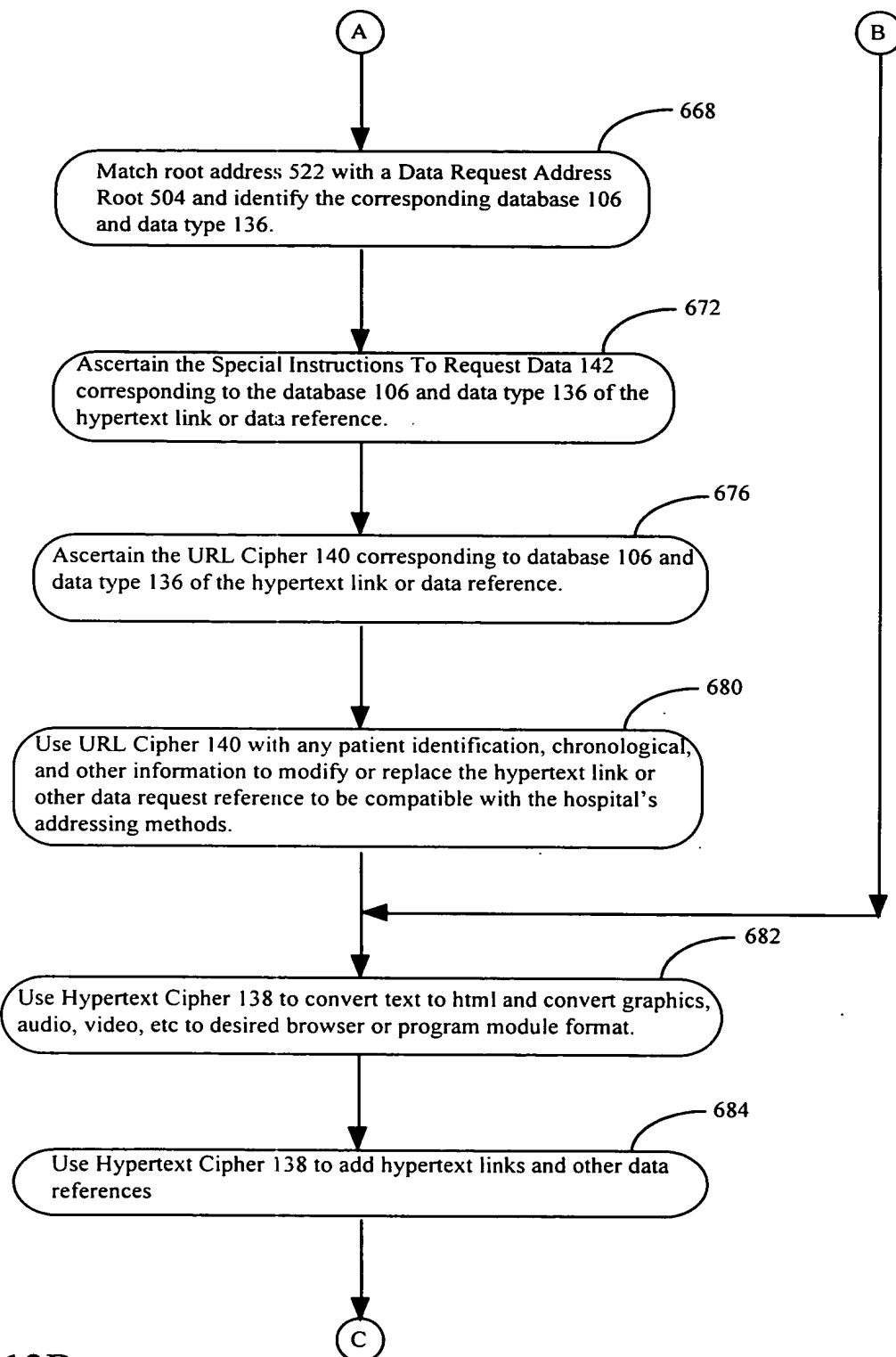


Figure 13B

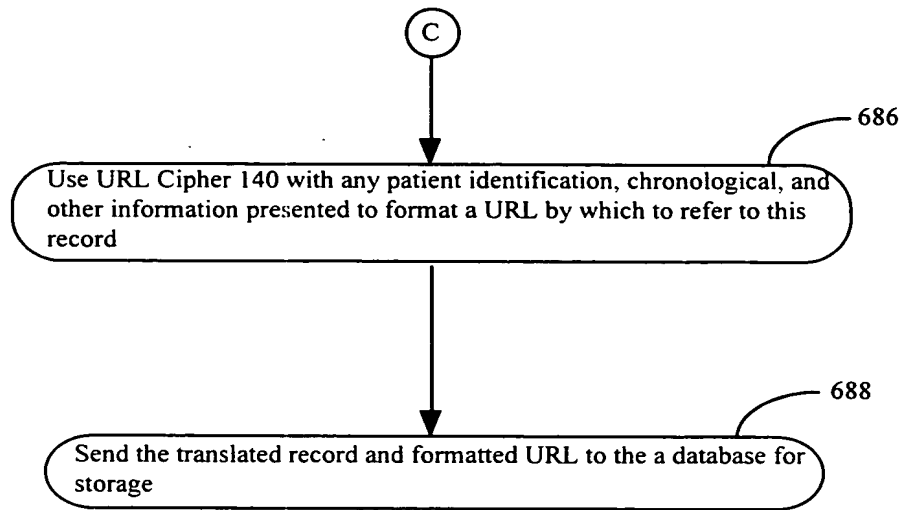


Figure 13C

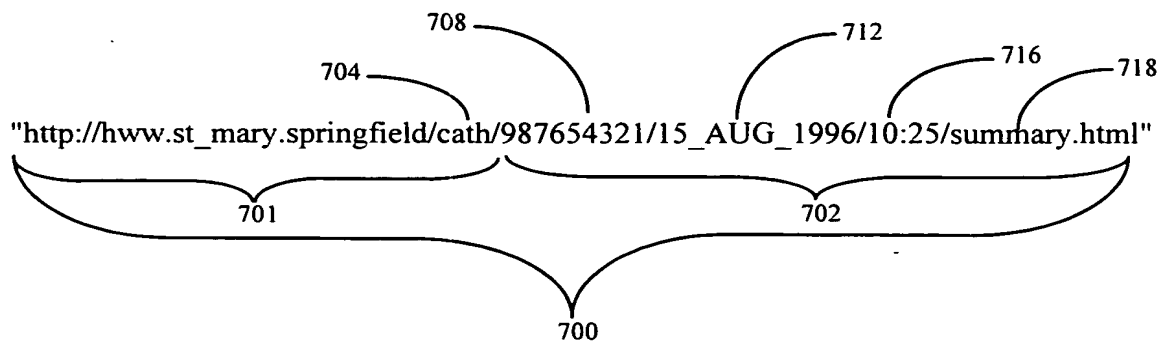


Figure 14A

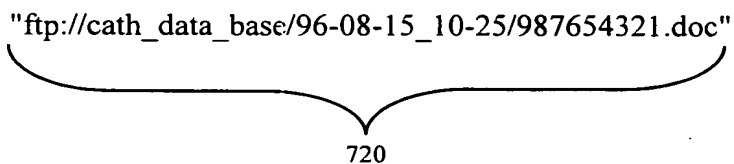
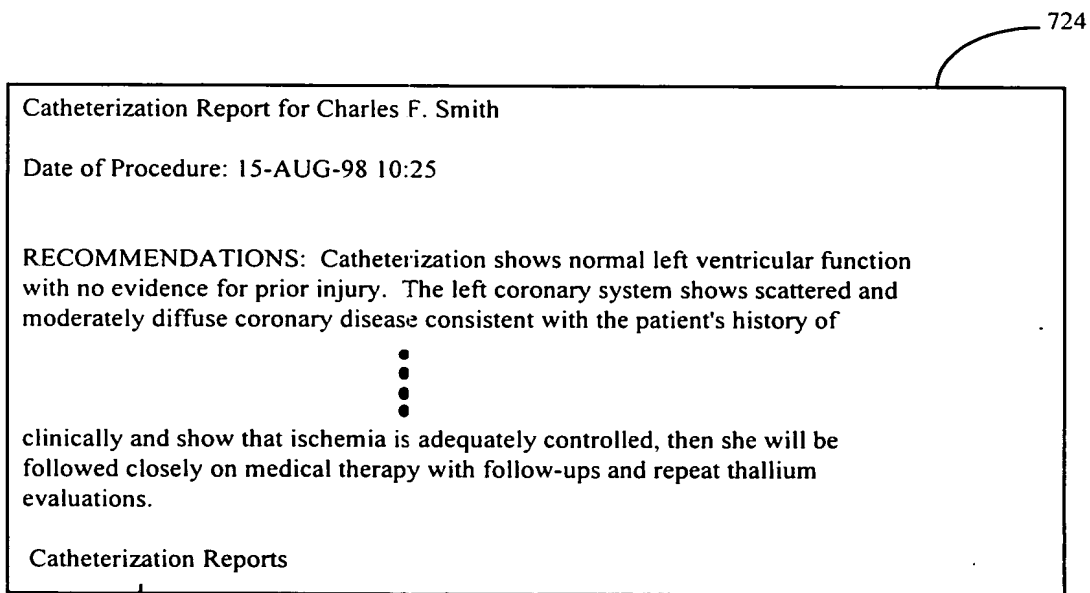


Figure 14B



728

Figure 14C

736

732

```

<html>

<body>
<br>

Catheterization Report for Charles F. Smith
<a href="http://hww.st_mary.springfield/demographics/complete/987654321/
15_AUG_1998/10:25/current".">Demographics</a><br><br>

Date of Procedure: 15-AUG-98 10:25<br><br>

RECOMMENDATIONS: Catheterization shows normal left ventricular function
with no evidence for prior injury. The left coronary system shows scattered and
moderately diffuse coronary disease consistent with the patient's history of

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clinically and show that ischemia is adequately controlled, then she will be followed
closely on medical therapy with follow-ups and repeat thallium evaluations.

<a href="http://hww.st_mary.springfield/cath/987654321/15_AUG_1996/10:25/
radiology.html">Radiology Catheterization Report </a><br>
<a href="http://hww.st_mary.springfield/cath/987654321/15_AUG_1996/10:25/
hemodynamic.html">Hemodynamic Catheterization Report </a><br>

</body>
</html>

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740

744

Figure 14D



Catheterization Report for Charles F. Smith Demographics

Date of Procedure: 15-AUG-98 10:25

RECOMMENDATIONS: Catheterization shows normal left ventricular function with no evidence for prior injury. The left coronary system shows scattered and moderately diffuse coronary disease consistent with the patient's history of

...

clinically and show that ischemia is adequately controlled, then she will be followed closely on medical therapy with follow-ups and repeat thallium evaluations.

Radiology Catheterization Report  
Hemodynamic Catheterization Report

Figure 14E

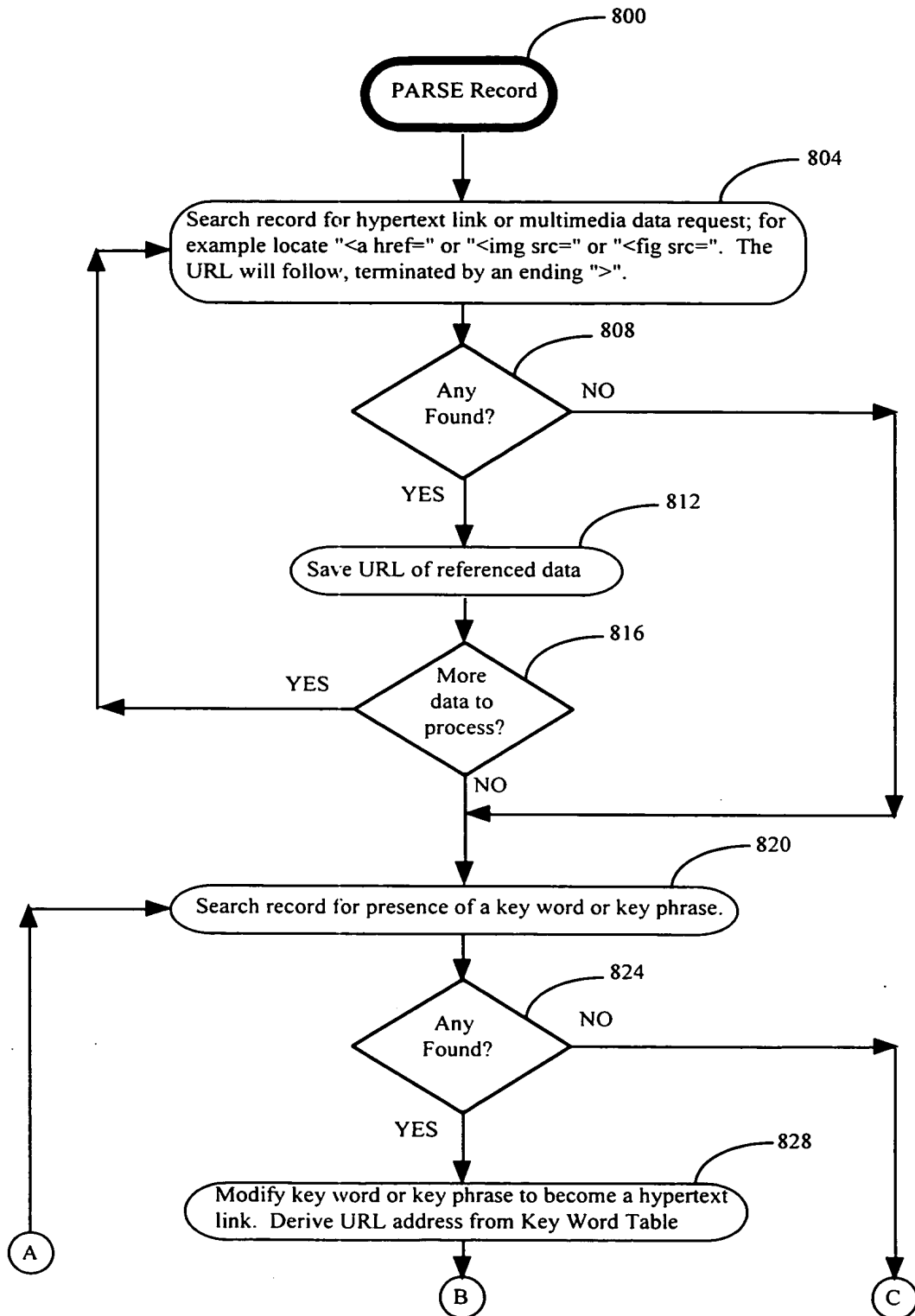


Figure 15A

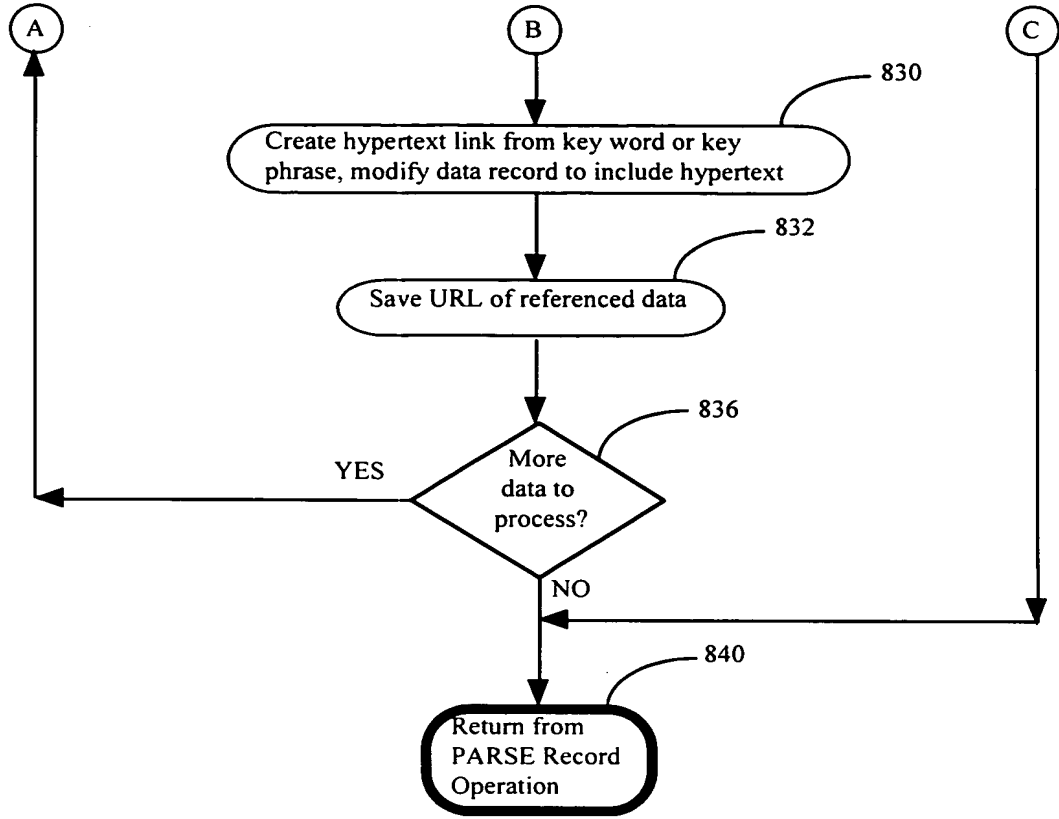


Figure 15B



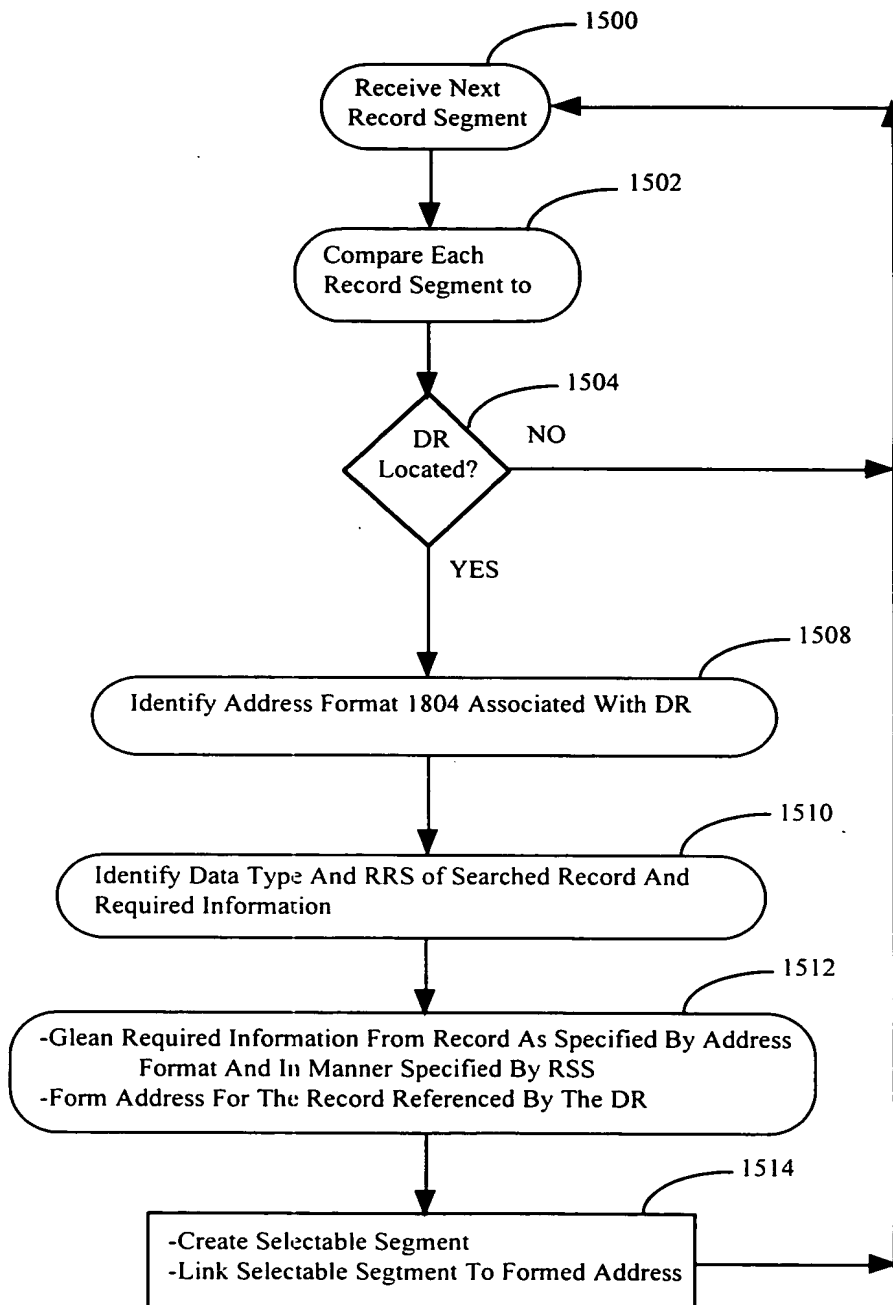


Figure 16

Text As It Appears in the Word Processor

1608 ID: 987654321 1602 1610  
1608 Date: 14-May-1996 1604  
1608 Report type: Admission report  
1608 Written by: Dr. S. E. Markelson  
1608 The admission ecg has clear evidence of left ventricular  
1608 hypertrophy when compared to the previous ecg for this patient.  
1607 The previous discharge cath results indicated no evidence of any  
1608 significant lesions.  
1608 The admission CK enzyme results are above normal limits.

Figure 17

Text after Being Converted to HTML with Hypertext Links Added

<html>  
<body>  
<a href="http://hww.st\_mary.springfield/demographics/987654321/14\_May\_1996">  
ID: 987654321</a><br> 1702  
Date: 14-May-1996<br>  
Report type: Admission report 1702  
Written by: <a href="http://hww.st\_mary.springfield/staff\_directory/S.\_E.\_Markelson">  
Dr. S. E. Markelson</a><br> 1700  
<br>  
1608 The <a href="http://hww.st\_mary.springfield/ecg/987654321/14\_May\_1996/00:00/admit">  
1608 admission ecg </a> has clear evidence of left ventricular hypertrophy when compared to the  
<a href="http://hww.st\_mary.springfield/ecg/987654321/14\_May\_1996/00:00/current">  
previous ecg </a> for this patient.<br>  
<br>  
The 1702  
<a  
href="http://hww.st\_mary.springfield/cath/987654321/14\_May\_1996/00:00/prev\_discharge">  
previous discharge cath </a> results indicated no evidence of any significant occlusions.<br>  
<br>  
The  
<a href="http://hww.st\_mary.springfield/lab\_CK\_enz/987654321/14\_May\_1996/00:00/admit">  
admission CK enzyme </a>results are above normal limits.<br>  
  
</body>  
</html>

Figure 18

Text As Viewed via Word Processor 14 or Browser

ID: 987654321

Date: 14-May-1996

Report type: Admission report

Written by: Dr. S. E. Markelson

The admission ecg has clear evidence of left ventricular hypertrophy when compared to the current ecg for this patient.

The previous discharge cath results indicated no evidence of any significant lesions.

The admission CK enzyme results are above normal limits.

Figure 19

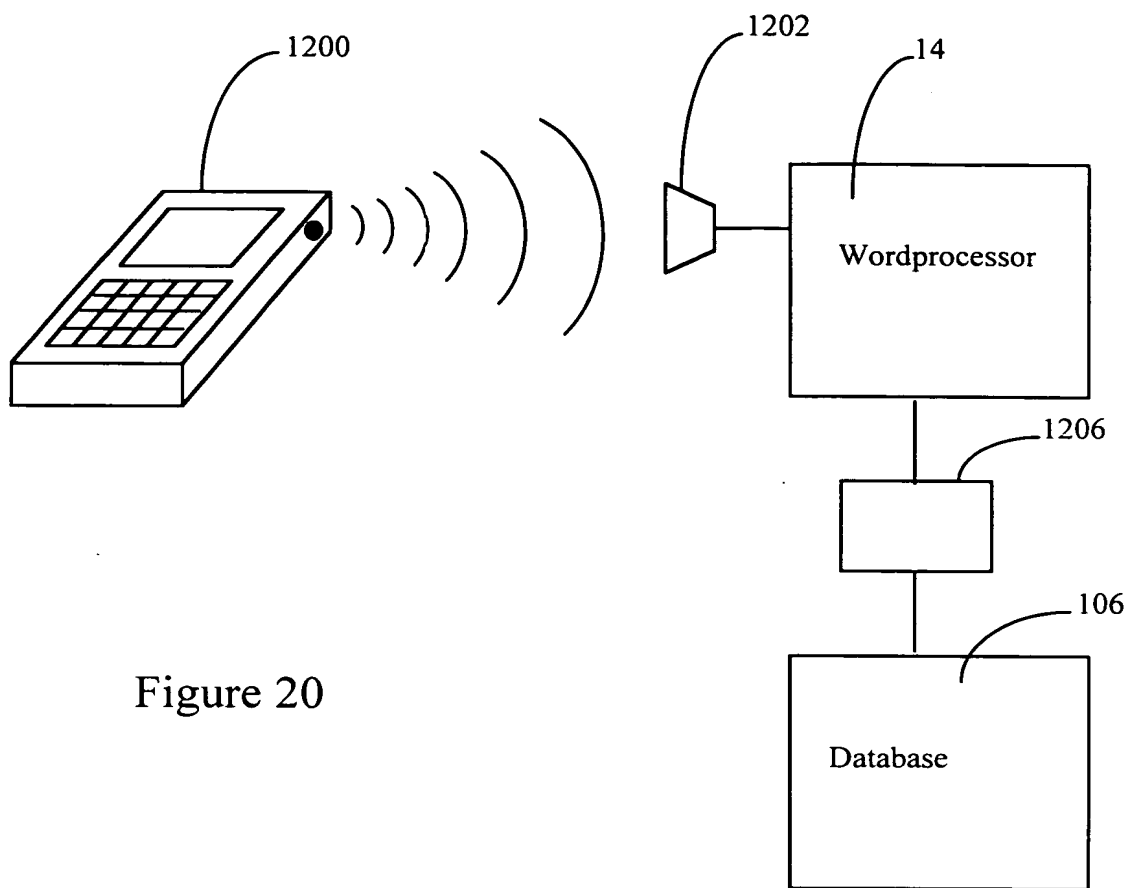


Figure 20

Data Reference (Searchable References)	Address Format (Specifies Required Information And Fields)
DR - 1	Format 1
DR - 2	Format 2
DR - 3	Format 3
⋮	⋮
DR - N	Format N

Figure 21

Instructions To Identify Data Type (DT) (Global Instructions)	Data Type (DT)	Record Rule Set (RRS)
	DT - 1	RRS - 1
	DT - 2	RRS - 2
	⋮	⋮
	DT - M	RRS - M

Figure 22

1902 Data Reference (Searchable References)	1900 Address Format	1906 Record Rule Set (RRS)
DR - 1	Format 1	RRS - 1
DR - 2	Format 2	RRS - 2
DR - 3	Format 3	RRS - 3
⋮	⋮	
DR - N	Format N	RRS - N

Figure 23